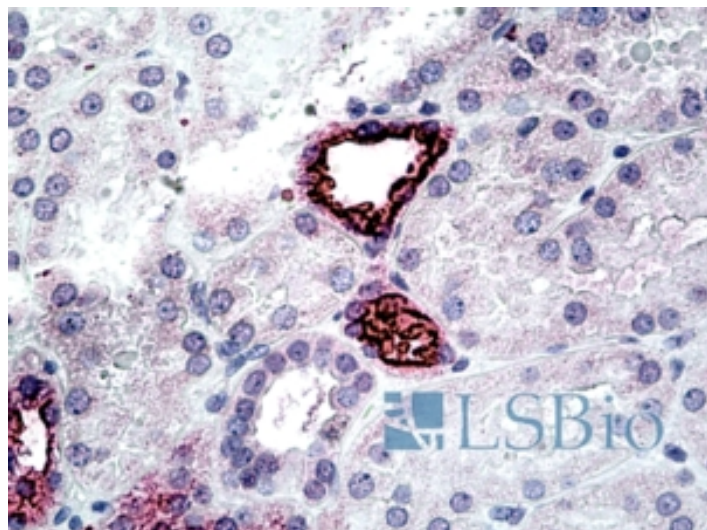


GOAT ANTI-SLC12A1 / NKCC ANTIBODY

SKU: EB09143



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	sodium potassium chloride cotransporter 2 Na-K-2Cl cotransporter NKCC2A variant A NKCC2 MGC48843 BSC1 solute carrier family 12 (sodium/potassium/chloride transporters), member 1 SLC12A1
Usage Summary	IF/ICC: This antibody has been successfully used in IF on Mouse: Alshahrani S et al. (2015) PMID: 26400961. This antibody has been successfully used in ICC on Pig: Andreas Brännström et al. (2022) PMID: 36471055.
Accession ID	NP_000329.2
Blocking Peptide	EBP09143
Immunogen	Peptide with sequence C-PHYEETSFGDEAQKR, from the internal region of the protein sequence according to NP_000329.2.
Peptide Sequence	C-PHYEETSFGDEAQKR
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Shipping Instructions	Refrigerated
Predicted Species	Human
Reactive Species	Human, Mouse, Pig
Human Gene ID	6557
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
IHC Results	In paraffin embedded Human Kidney shows strong membrane staining in some CT cells. Recommended concentration, 3-6µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:32000.
Western Blot	This antibody has been successfully used in WB on Mouse: Alshahrani S et al. (2015) PMID: 26400961.
Application Type	Pep-ELISA, WB, IHC, IF, ICC

SELECTED REFERENCES

[{"pmid": 36471055, "intro": "**This antibody has been successfully used in ICC on Pig:**", "title": "Intermittent thoracic resuscitative endovascular balloon occlusion of the aorta improves renal function compared to 60 min continuous application after porcine class III hemorrhage.", "author": "Andreas Brännström, Michael Hultström, Jenny Gustavsson, Zabih Aurfan & Mattias Günther", "journal": "Eur J Trauma Emerg Surg (2022).", "url": "https://doi.org/10.1007/s00068-022-02189-2"}, {"pmid": 26400961, "intro": "**This antibody has been successfully used in WB and IF in Mouse:**", "title": "Increased Slc12a1 expression in β -cells and improved glucose disposal in Slc12a2 heterozygous mice.", "author": "Alshahrani S, Almutairi MM, Kursan S, Dias-Junior E, Almiahuob MM, Aguilar-Bryan L, Di Fulvio M.", "journal": "J Endocrinol. 2015 Dec;227(3):153-65."}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

